To this must, however, be added the completion of the Settlement of Murbád and the Demarcation and Settlement of Sháhápur. Mr. Orr, however, adds: "I have good hopes that the whole work of the district will be complete by the end of 1896."

15. In the Mándvi Táluka of Surat the sanctioned demarcation has been found to be so faulty that it has been ordered in Government Resolution No. 6702 of 2nd September 1895, that it be revised. It is confidently expected, however, that the work will be completed during the coming season.

16. In the rest of Surat and in the Panch Mahál settlement is complete.

(iii).—DEMARCATION.

17. The following statement shows the clearance of boundary lines and the erection of forest boundary marks effected during the year :—

No.	Division.	Length of Boundary demarcated.	Number of Cairns erected.		Amount spent.	Rate per mile.	Remarks.
			Large.	Small.			
					Rs. a. p.	Rs.	
1	East Thána ...	17	...	290	195 13 9	...	
2	West Thána ...	34½	114	4	68 3 0	..	
3	Surat ...	30½	210	187	811 7 3	...	
4	Panch Mahál ...	23	...	55	2,282 1 6	...	
	Total ...	105	324	536	3,357 9 6	11½	
	Total of 1893-94 ...	139½	752	313	3,730 0 0	26¾	

(iv).—SURVEYS.

18. The following statement furnished by the Superintendent of Forest Survey Work and its cost during *survey year* 1894-95 in this Circle :—

Description of Survey.	Scale.	District.	Area in Square miles.	Total Cost for Survey year.	Cost rate. Square mile.	Remarks.
				Rs. a. p.	Rs. a. p.	
Triangulation ...	8″ mile.	West Thána.	205	970 4 5	6 11 3	Máhím Táluka.
Traversing ...	...	.....	200	970 4 5	4 13 7	Máhím Táluka.
Detail Survey ...	...	East Thána...	5,557	9,462 1 9	170 7 4	Váda Táluka.
Total ...	...	.....	...	11,402 10 7	...	

19. The actual cost debited to the Northern Circle during the *forest year* was Rs. 11,219-2-7.

CHAPTER II.

MANAGEMENT OF STATE FORESTS.

I.—REGULATION AND MANAGEMENT.

(*a*).—Working Plans and their Control.

20. The Working Plans Division was in charge of Mr. G. P. Millett, Deputy Conservator of Forests, 4th Grade, during practically the whole year.

21. During November, December, and part of January Mr. Millett was employed in inspecting in detail the reserves in the Godhra Range of the Panch Mahâls division. As a result of this inspection a draft scheme of working was drawn up by him which was submitted to the Divisional Forest Officer and Revenue officers; on receipt of any criticisms or suggestions they may have to offer, the details of the Working Plan will be elaborated and the scheme submitted to Government for sanction.

22. The Working Plan of the Bhiwndi Range, Thâna Division, was formally sanctioned by Government and a similar Working Plan (comprising the Váda, Bassein and Máhim Ranges) was prepared by Mr. Millett and is under consideration by the Divisional Forest officers and Revenue officers.

23. On completion of the inspection of the Godhra forests mentioned above, Mr. Millett moved to Thâna and was engaged in supervising and pushing on the work of marking the Thâna coupes on the ground. Up to the commencement of the year under report 150 coupes had been marked out in advance (*i. e.*, in advance of the actual coupes of the year) to which have been added 255 during the past year. This, though so far satisfactory, is still a very slow rate when it is remembered that nearly 9,000 such coupes remain to be demarcated on the ground. I am therefore glad to be able to record that Colonel Hobday, the Superintendent, Forest Survey, has most courteously consented to have this work done *pari passu* with the survey, so that it may confidently be hoped that the work will now shortly be completed.

24. The general scheme of working of the Thâna forests was, as Government is aware, adopted rather hurriedy and without the usual preliminary stock-taking and calculation of rate of growth, &c. For these data the Forest officers responsible for the scheme had to rely on the personal working knowledge of the forests, and their contents of themselves and other officers who had been in charge. It is most gratifying therefore to see how the selection of a rotation of 40 years is supported by the diagram published at page 71 in last year's administration report of the Southern Circle. Moreover, the result of the experiments in coppice growth in the Kolâba forests (for these forests are very similar in their contents and growth to the majority of the Thâna forests) seems to show that the working of these Thâna forests for large timber, as was advocated, I believe, by the Inspector General of Forests when he visited Bombay, would have been impossible without a preparatory treatment very much on the lines of that now being followed.

25. The following statement shows the extent to which the Thâna Working Plans have been marked out on the ground:—

Name of Range.	Number of Blocks.	Total Number of Coupes.	Number of Coupes marked out.	Number of Coupes exploited.	Number of Coupes to be worked in 1895-96.	Number of Coupes marked for future exploitation.	Number of Blocks in which Coupes for future exploitation are laid out.	Number of Coupes yet to be marked out.	Remarks.
East Thâna Division.									
Bhiwndi	20	800	243	158	20	65	20	557	
Kalyán	16	640	135	119	16	...	...	505	
Murbád	20	800	119	104	15	...	...	681	
Sháhápur and Khardi ...	53	2,120	308	259	49	...	...	1,812	
Mokháda	12	480	71	60	11	...	...	409	
Váda	34	1,360	249	180	34	35	9	1,111	
West Thâna Division.									
Sálsette	11	440	74	63	11	...	...	366	
Bassein	23	920	283	189	23	71	16	637	
Máhim	35	1,400	523	254	35	234	34	877	
Dahánu	42	1,680	337	295	42	...	...	1,343	
Umbargaon	19	760	143	124	19	...	...	617	
Total ...	285	11,400	2,485	1,805	275	405	79	8,915	

26. The following statement shows the employment of time of the Working Plan surveyors:—

Percentage of time employed in	1893-94.	1894-95.
Working days (field and office work) ...	64	61
Sundays, holidays and leave ...	23	21·4
Travelling	10	10·1
Illness and delays	3	7·5

27. The details of work done in laying out the coupes for exploitation in the coming season with cost as compared with last year is given in the following statement:—

Range.	Number of Blocks.	Number of Coupes actually laid out.	Total area of Coupes.	Defined by		Cost.	Average Cost.	
				Cairns.	Stones.		Per Coupe.	Per Acre.
East Thá'na.						Rs. a. p.	Rs. a. p.	Rs. a. p.
Kalyán	16	16	674¾	43	1,042	84 0 6	5 4 0	0 1 11
Bhiwndi	20	20	963¼	23	1,392	82 8 0	4 2 0	0 1 4
Murbád...	20	15	821⅜	46	1,590	86 14 0	5 12 8	0 1 8
Sháhápur	53	49	3,079¼	196	4,443	264 5 0	5 6 0	0 1 4
Khardi								
Mokháda	12	11	665½	46	996	58 4 3	5 4 9	0 1 5
Váda	34	34	1,897	124	3,228	184 11 9	5 6 8	0 1 7
Total ...	155	145	8,101½	478	12,691	760 11 6	5 3 11	0 1 6
West Tha'na.								
Sálsette...	11	11	438	35	860	54 8 6	4 15 6	0 1 11
Bassein	23	23	1,157	20	2,331	116 9 9	5 1 1	0 1 7
Mahim	35	35	1,767¾	112	3,041	163 13 6	4 11 11	0 1 6
Dáhánu...	42	42	2,454¾	216	3,949	191 6 0	4 8 5	0 1 3
Umbargáon	19	19	997¾	65	1,617	89 12 6	4 11 7	0 1 5
Total ...	130	130	6,815¼	448	11,798	616 2 3	5 3 2	0 1 7
Grand Total, 1894-95 ...	285	275	14,916¾	926	24,489	1,376 13 9	5 0 1	0 1 6
Total during 1893-94 ...	284	273	14,380¼	782	22,340	1,227 12 3	4 8 0	0 1 4

II.—WORKING OF THE YEAR.

(*a*).—Communications and Buildings.

28. The expenditure under this head incurred departmentally was Rs. 9,387-0-11 during the year. Details of the work for which this amount was spent are to be found in Form No. 51.

29. The following is a list of works carried out during the year through the agency of the Public Works Department:—

No.	Name of Work.	Amount expended.
	Original Works.	Rs. a. p.
	East Thána.	
1	Providing ceiling and railing to the Range Forest Office at Bhiwndi	83 15 11
2	Additions and alterations to the Forest Depôt-house at Wángni	61 12 6
	West Thána.	
3	Constructing (partially) Forest Depôt-house at Gholwad ...	539 6 1
	Total ...	685 2 6

No.	Name of Work.	Amount expended.
	REPAIRS.	Rs. a. p.
	East Thána.	
1	Repairs to the Forest Office at Kalyán	13 5 7
2	Do. do. at Murbád	15 7 6
3	Do. do. at Khardí	67 14 0
4	Do. do. at Váda	18 0 0
5	Do. do. at Bhiwndi	17 13 2
6	Do. Forest Depôt-house at A'tgaon	11 15 9
7	Do. do. at Kására	11 4 0
8	Do. do. at Vásind	11 15 7
9	Do. do. at Vángni	12 12 9
	West Thána.	
10	Repairs to the Forest Office at Bassein	21 7 7
11	Do. do. at Sálsette (Thána)	14 7 6
12	Do. do. at Máhim	25 10 0
13	Do. Forest Depôt-house at Manor	20 1 2
14	Do. do. at Sávda	12 14 0
15	Do. do. at Pálghar	7 1 2
16	Do. do. at Sanján	10 11 10
17	Do. do. at Wangaon	12 11 0
	Total ...	990 14 1
	Panch Maháls.	
1	Repairs to the Forest Office at Dohad	15 9 0
	Grand Total ...	1,006 7 1

(*b*).—PROTECTION OF FORESTS FROM INJURY.

(1).—*General Protection and Breaches of Forest Law.*

(*a*).—*General Protection.*

30. There has been no change in the scale of Protective Establishment during the year.

31. That the protective establishment is short-handed to deal with the multifarious duties required of them has been repeatedly pointed out, and to enlarge on it further would be useless.

(*b*).—*Breaches of Forest Law.*

32. The following table gives the cases tried by Magistrates during 1893-94 and the present year:—

No.	Division.	1893-94.		1894-95.		Percentage of failures.	
		Prosecutions.	Acquittals.	Prosecutions.	Acquittals.	1893-94.	1894-95.
1	East Thána	152	55	180	65	36·1	36·1
2	West Thána	62	31	49	18	50·	36·7
3	Surat	2	...	12	1	...	8·3
4	Panch Maháls	14	3	54	10	15·4	19·9
	Total ...	230	89	295	94	38·7	31·8

33. Notwithstanding that the number of offences prosecuted has risen nearly 20 per cent., the number of failures has decreased 7 per cent., which is satisfactory, though, as was pointed out last year, in dealing with such small totals too much importance should not be attached to percentages.

34. The nature of the above 389 offences was as follows :—

No.	Division.	Offences relating to the mis-appropriation of			(*d*) Other Offences.	Total.
		(*a*) Timber.	(*b*) Fire-wood.	(*c*) Minor Forest Produce.		
1	East Thána	90	48	18	24	180
2	West Thána	37	11	13	6	67
3	Surat	8	1	...	4	13
4	Panch Maháls	49	3	10	2	64
	Total ...	184	63	41	36	324

35. 1,080 cases were reported as undetected and were classed as follows :—

No.	Division.	Injury to Forests by Fire.		Unauthorized Felling or Appropriation of Wood and Minor Forest Produce.		Grazing without Permission or in Tracts in which Grazing is prohibited.		Other Offences.		Total.	
		1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.
1	East Thána ...	234	234	460	419	...	...	...	10	694	663
2	West Thána ...	126	134	119	114	...	...	4	3	249	251
3	Surat	...	59	...	1	...	...	...	...	...	60
4	Panch Mahálś ...	...	75	27	31	...	...	...	...	27	106
	Total ...	360	502	606	565	...	...	4	13	970	1,080

36. In the Thána divisions, where there is still a considerable area of land awaiting settlement, offences are brought to the notice of the Revenue officer, who disposes of them under Section 43, Land Revenue Code. The offences thus disposed of during the year as compared with 1893-94 were as follows :—

Number.	Division.	1893-94.					1894-95.				
		Number of cases.	Value of Forest Produce.	Acquittals.	Convictions.	Amount of Fines.	Number of cases.	Value of Forest Produce.	Acquittals.	Convictions.	Amount of Fines.
			Rs. a. p.			Rs. a. p.		Rs. a. p.			Rs. a. p.
1	East Thána	10	50 3 0	...	10	50 0 0	13	118 14 3	...	13	122 8 6
2	West Thána ...	11	432 8 0	...	11	598 5 0	12	197 13 0	...	12	200 13 0
	Total ...	21	482 11 0	...	21	648 5 6	25	316 11 3	...	25	323 5 6

37. The number of cases prosecuted as compared with that of cases compounded under Section 67 during the year 1893-94 and 1894-95, together with details of the nature of cases compounded during the latter year, are as follows :—

No.	Division.	Taken into Court.		Compounded under Section 67 of the Forest Act.							
					1894-95.						
					Offences relating to the misappropriation of						
		1893-94.	1894-95.	1893-94.	(a) Timber.	(b) Fire-wood.	(c) Minor Forest Produce.	(d) Other offences.	Total.	Amount of Compensation.	
									Rs.	Rs. a. p.	
1	East Thána ...	212	217	87	60	55	15	15	145	1,355 1 9	
2	West Thána ...	84	73	77	71	3	58	3	135	492 15 3	Rs. 267-7-0 remained to be recovered at the close of the year.
3	Surat	2	14	7	7	4	2	1	14	23·13 0	
4	Panch Mahals ...	18	69	157	123	17	7	10	157	219 9 9	
	Total ...	316	373	328	261	79	82	29	451	2,091 7 9	

38. In the following statement the 451 cases compounded during the year are classified according to the amount of compensation accepted in each case as directed in Government Resolution No. 1899, dated 13th March 1891 :—

No.	Division.	Number of Cases in which Compensation was fixed at Rupees.																										Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	31	44	50	53	101	
1	East Thána ...	88	14	7	6	13	1	1	...	1	3	1	1	2	1	...	...	...	...	...	1	1	...	...	...	...	...	1	1	...	*1	*1	145
2	West Thána ...	64	28	17	6	2	2	1	1	1	...	...	2	1	...	1	...	...	...	1	...	2	3	...	...	...	...	...	...	3	...	...	135
3	Surat	3	2	3	4	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14
4	Panch Mahals ...	101	27	12	7	3	2	1	1	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	157
	Total ...	256	71	39	23	19	5	3	3	2	3	1	3	3	1	1	1	...	1	...	4	4	...	...	1	...	...	1	1	3	1	1	451

* The two cases in which compensation was above the prescribed limit represent several offenders.

39. The information required by Government Resolution No. 1899 of 15th March 1891 is furnished in the following statement :—

No.	Division.	Number of complaints disposed of under Section 67.	Number of cases in which Compensation has been accepted.	Number of Appeals against the proceedings.	Manner in which the appeals have been disposed of.	Remarks.
1	East Thána ...	145	145	...	...	Besides these, in 10 cases offenders were let off with warning.
2	West Thána ...	135	135	...	...	
3	Surat	14	14	...	...	
4	Panch Mahals ...	157	457	...	...	
	Total ...	451	451	...	...	

(b) (2)—Protection from Fire.

40. The results of the year's fire protection as compared with those of 1893-94 are as follows:—

No.	Division.	Forest Area placed under protection against Fire.		Average burned.		Percentage burned.	
		1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
1	East Thána ...	451,907	440,207	17,700	26,448	3·9	6
2	West Thána ...	247,344	323,021	6,680	3,706	2·7.	1·1
3	Surat	478,237	478,873	443,747	448,614	92·8	93·6
4	Panch Mahals ...	217,530	213,530	17,276	20,311	7·9	9·5
	Total ...	1,391,018	1,455,631	485,403	499,079	34·9	34·2

Thána.

41. In West Thána there has been an immense improvement in the percentage of area burnt over, but in East Thána this percentage is even higher than last year. Although the Divisional Forest Officer claims that the increased area shown as burnt is due to correcter reporting, yet after making all allowances it is clear that there has been no improvement. This question of fire protection is a most grave one in Thána. The "coupe" system, as it is popularly called under which the Thána Forests are being worked, is in most ways a complete success. The people are furnished with ráb-material and a livelihood, and the revenue remains at a high figure; moreover, the coppice shoots from stools felled promise a fair crop for the next revolution, but it cannot be overlooked that there is a great dearth—too often a total absence—of seedlings to replace the present stools when their reproductive power shall be exhausted. There can be no doubt that mainly, if not entirely, this is due to forest fires. The reserves, especially the areas which have come under the axe during the past 10 years, were fire-traced as usual, but in most instances the only use these traces served was to prevent the fire spreading beyond the limits of the reserves. The fact is, fires only very exeptionally enter the forests from outside, they are almost always kindled inside. In East Thána out of 131 fires no less than 123 commenced inside the reserves. These figures are suggestive, but still more so is the fact that the whole of the Tánsa catchment area was burnt from end to end by fires which invariably commenced within it although there is no one living there. The system of reporting each fire by post-card to the Collector as initiated by Mr. Sinclair has been continued with the modification that the post-card is sent to the Assistant Collector of the sub-division instead of to the Collector. All the Assistant Collectors appealed to state that the system is a useful one, but I confess I cannot concur. In the first year possibly the village officers were startled at being asked about fires, but as soon as they realized that that was all, the system, I fear, 'degenerated into' routine, and has become absolutely harmful as giving an idea that something real is being done, whereas it is not so. The Forest Department have done their best and, I think, I may confidently assert that an immense improvement has been effected; but it would seem that we have reached the best possible which is achievable by us under present conditions, and I have no hesitation in saying it is very far short of what must be achieved if the present working-plans are to be anything more than a trap. The vitality of the present stools may last out two or even three revolutions, but unless seedlings are produced to replace them as they fail, the ultimate result must be denudation. The present subordinate establishment is admittedly short-handed and it is possible that an improvement may be obtained by supplementing it by a temporary fire protection establishment. It is proposed to try the experiment this year, but I cannot conscientiously state that I have any confidence in its success. Under existing orders the people under one excuse or another have the right to wander unchallenged where they will and, under these conditions, prevention becomes an impossibility with any establishment that we should be justified in employing. I am aware that

it has been urged that forests are too often fired on purpose as a protest against the curtailment of privileges in them, but I confess I cannot believe this. The larger proportion of fires, I think, are, no doubt, purposely started, but the object is either to destroy the cover for wild animals which springs up and continues for 4 or 5 years after a coupe has been made, or in connection with shikár. I am in hopes of inducing the Collector to withdraw all gun licenses within a certain area round every fire that occurs, and this may have some effect; but I fear that unless Government enforce communal responsibility, no real improvement can be hoped for much beyond the point which we have reached. And even this communal responsibility must be one that really touches all the members of the village. Withdrawing the right of grazing, even if it could be enforced, does not touch the Thákur or Kátkari who fires the forests to drive out a sounder of pig to his Náik who waits for them with his matchlock.

Surat.

42. In the Dángs practically every acre was burnt over, and until forest reserves are placed on a firmer footing, it is absolutely hopeless to fight against this state of affairs which is and has been the normal one in the Dángs for very many years. Until the demarcation has been given full effect to I can hold out little hope of improvement. The executive establishment for some 800 square miles is about 25 men all told. An effort has been made during the last 2 years to protect one or two small areas, of a few thousand acres in all, as an object lesson, by giving turbans to the local Náiks and Patels when fire has been kept out and and has been fairly successful.

43. In Surat proper the forests of the Mándvi Range, which are similar to those in the Dángs, are alone liable to be burnt. These, notwithstanding the figures annually reported, have undoubtedly been almost completely overrun by fire year after year. The areas burnt have been notoriously under-estimated, even last year when special attention was given to this matter the area was only given as 11,000 acres. During the past season Mr. Wallinger gave his special attention to the work of fire protection. The Mándvi forests consist of (1) a large block at the east end of the range, comprising the whole lands of some 12 deserted villages, which is bounded on two sides by Gáikwári territory, and of (2) a number of smaller reserves scattered over the rest of the range. Amongst these smaller reserves at distances of 12 miles or so apart Forest Posts have been built and, at the commencement of the season, a 'Nagára' or large drum was hung up at each of these posts. The arrangement proved most successful. In one case, which came under my observation within half an hour of the beating of the drum, the Divisional Forest Officer, the Assistant Collector, Mr. Wood, I. C. S., and some 40 villagers were at the scene of the fire which was about three miles off, and the fire was got under almost at once. No such system, however, was possible in the large block, which has been annually burnt by fires crossing over the Gáikwári border. Here a fire trace 40 feet wide was cleared of every living thing and was then kept clear of dead leaves, &c., by patrols entertained for the purpose. This trace was 12 miles long and, when I visited it early in March, I found a fire had just reached it from Gáikwári territory but had been successfully stopped. This was evidently the second fire which had traversed the Gáikwári area, the second feeding on the dead leaves which had fallen and the grass and bamboos which had died since the occurrence of the first fire. Unfortunately it is difficult to get labour and it was found impossible to complete the trace along the whole frontier, with the result that though fire after fire was kept back, yet in May three fires got into the reserve over the untraced portion, and these three fires alone are responsible for no less than 10,500 of the total of 16,500 acres burnt over in this Range during the year. The fact is that this reserve, which has been practically unworked for many years, has become so choked with heavy grass that it was impossible to stop a fire which had once got a hold. It is hoped that the system of fire lines for this reserve will be completed this season. Mr. Wallinger is deserving of sympathy for the unfavourable result I am obliged to record, for he worked very hard and it was only I believe the impossibility of completing the system of traces which prevented his being almost completely successful.

44. I cannot pass on without recording my thanks to Mr. Wood, I.C.S., for the hearty moral support and even personal help in extinguishing fires which he gave to Mr. Wallinger.

Panch Maha'ls.

45. The figures in this division show a higher percentage of area burnt over than last year, and Mr. Stewart records that he considers even this area to be under-estimated. The Divisional Forest Officer attributes the poor results of fire protection to want of funds for fire tracing work and the entertainment of special patrols. I think, however, this cannot be the only cause, for barely one-fourth of the sum provided was actually spent. The fact is, the demarcation and settlement of the forests of the division have only lately been completed, and organization only lately taken in hand. The forests are on flat ground, and protection should not be difficult but can only be successful if methodically undertaken. Mr. Wallinger, who has taken charge of the division, will no doubt make a commencement in the coming season. I would note, however, that the support of the Magistrates is necessary for success. During the season two convictions were obtained in which fines of Re. 1 were inflicted by the Magistrate.

(*b*) (*3*).—*Regulation of Grazing and Protection from Cattle.*

46. The following statement gives details of cattle impounded during the year under report :—

No.	Division.	From open Forests.		From closed Forests.		Total.	
		1893-94.	1894-95.	1893-94.	1894-95.	1893-94.	1894-95.
1	East Thána	230	154	2,086	1,922	2,316	2,076
2	West Thána	161	351	1,280	1,750	1,441	2,101
3	Surat	1,070	1,055	1,869	1,359	2,939	2,414
4	Panch Maháls	661	1,111	1,980	2,837	2,641	3,948
	Total ...	2,122	2,671	7,215	7,868	9,337	10,539

It will be seen that the numbers differ but slightly from those of last year.

47. The grazing regulations were in force in the Panch Maháls and Surat (exclusive of the Dángs), but only in certain selected ranges of the 2 Thána divisions. The number of cattle impounded in Thána bears no proportion to the number which were allowed to graze illicitly in coupes, as I can bear witness from the damage which came under my notice during my tour ; but pounds are so far apart and the establishment so short-handed, that no doubt the impounding of trespassing cattle, at all times a difficult task, is shirked.

Fencing.

48. No new fencing was undertaken during the year except in Surat, where the Vejalpor nursery was fenced and some enclosures for stacking bamboos made at the Wághai Depôt in the Dángs. A few necessary repairs were executed in all divisions. The total expenditure amounted to :—

	Rs.	a.	p.
West Thána	152	3	0
East Thána	94	0	0
Surat	707	0	6
Panch Maháls	21	15	4
Total ...	975	2	10

Civil Suits.

49. The appeal to the High Court by the Isáfatdár of A'mgaon, referred to in para. 68 of last year's report, was decided in favour of Government, though not for the full amount claimed, as large deductions were allowed to the Isáfatdár as working expenses and cost of protection.

Criminal Cases.

50. A (substitute) forest guard was convicted with striking a forest offender, who ran away, on the back of the head and causing his death. He was sentenced to rigorous imprisonment for five years.

51. A round guard in Surat division was found guilty of fraud in connection with a free grant of wood, but was acquitted on appeal to the Session Judge. He was, however, dismissed after departmental enquiry.

52. The Forest guards Gorav Bhika and Dewra Sukaria of the Dángs establishment were convicted by the Assistant Political Agent, Khándesh, of taking bribes. They were dismissed and declared ineligible for re-employment under Government in any capacity.

(*c*).--IMPROVEMENT OF FOREST GROWTH.

Natural Reproduction.

53. Natural reproduction is reported by all Divisional Forest Officers as having been fair during the year, but this must be merely taken to mean that it was up to the average and was not interfered with by scanty rainfall, &c. From observations recorded by almost all Divisional Forest Officers, and from my personal observations, I can record that natural reproduction is nothing like what it should be owing to the annual fires. In the Panch Maháls the seed reproduction of teak is normally magnificent. I have never seen anything like it even in Kánara, but the young seedlings are scorched year after year and either killed outright or where they escape are hopelessly ruined. I have seen as many as 3 dead sticks standing up from one stool representing three consecutive annual efforts of the stool to become a tree. In the Dángs Mr. Wallinger reports that seedlings are totally wanting, and from the record of these forests this could only be expected, and Mándvi, as I can testify, is nearly as bad. In both the Thána divisions the coppice reproduction in the coupes is very generally satisfactory, but as I have recorded elsewhere there are but few, if any, seedlings coming on to replace the stools when their vitality shall be exhausted, and again the principal, if not only, cause is fire. Immediately after the rains the coupes are carpeted with seedlings, but all but a very small—an ominously small—proportion are destroyed by fire before April.

(*2*).—*Artificial Reproduction.*

54. Artificial reproduction, so far as regular plantations go, have little place in the Forestry of the Northern Circle.

55. In the Thána divisions an attempt was made to assist nature in the coupes by broad-casting and filling in blanks, but the conditions which handicap natural reproduction are still more fatal to these cultural operations.

56. In Surat, Tithál plantation has given fair results and the experiment of planting out Casuarina, from a nursery, on the sea-shore above high water mark is being continued. The Vejalpor nursery was kept up and supplied a large number of transplants of Casuarina and of teak, which latter were planted out in the coupes with fair success, and other small nurseries were started at Wághai, Mándvi, Delwáda and Gandeva.

57. In the Panch Maháls some 125 acres in several places were ploughed and sown with bíbhut. It is too early to brand these attempts as failures, but as usual with these plantations made in the open the seedlings disappeared in the hot weather. An old plantation at Wávdi although wire-fenced and fire-traced was burnt over.

(3).—*Early Thinnings.*

58. No such operations were carried out in this Circle.

FORM No. 59.

FOREST DEPARTMENT, NORTHERN CIRCLE.

Account of Timber and other Produce cut or collected by Government Agency and brought to Sale Depôts or sold locally during the year 1894-95.

Particulars.	Number or Quantity.	Cubic feet.	Total of each head. Number or Quantity.	Total of each head. Cubic feet.	Particulars.	Number or Quantity.	Cubic feet.	Total of each head. Number or Quantity.	Total of each head. Cubic feet.
					TIMBER.				
Balance at the commencement of the year.					*Sold locally.*				
East Thána .. Timber pieces mixed ..	24	72	24	72	Teak pieces, including beams, &c.	21,596	61,096	..	..
					Do. rafters and poles	60,940	67,405	..	..
West Thána .. Teak pieces	560	1,680	...	...	Mixed Timber pieces	135	334	..	..
Junglewood pieces ..	81	245	641	1,925	Junglewood pieces and rafters ..	3,826	4,930	..	..
					Teak pieces used for fencing ..	179	537	..	..
Surat .. .. Teak pieces, including beams, &c.	2,637	11,471	..	..				86,676	134,332
Teak rafters	7,000	7,745	..	..	*Balance at the close of the year.*				
Junglewood pieces ..	141	333	..	..					
Timber pieces of Kilai ..	11	278	..	..	East Thána .. Timber pieces mixed.	154	462	..	..
Do. of Bondára .	11	292	..	..				154	462
Do. of Sadara .	43	622	..	..					
Do. of Huladvan	13	277	..	..					
Do. of Kanti ..	16	322	..	..					
Do. of Beo ..	15	298	..	..	West Thána. Teak pieces .	384	1,152	..	..
Do. of Khair ..	11	117	..	..	Junglewood pieces.	99	297	..	..
Do. of Sissum ..	1	17	..	..				483	1,419
Do. of Tanach ..	116	105	..	..					
			10,015	21,883					
Panch Mahals. Teak pieces, including beams.	95	289	...	..	Surat .. Teak pieces ..	206	4,613	..	..
Teak rafers and poles ..	349	412	..	..	Mixed Timber pieces.	132	333	..	..
Junglewood pieces ..	113	85	557	786				338	4,946
					Panch Mahals. Teak pieces including beams.	571	1,204	..	..
Total Balance ..	..	..	11,237	24,666	Teak pieces, rafters and poles.	2,351	2,134	..	..
					Junglewood pieces, rafters, &c.	165	97	..	..
Received from Forests in Depôt.								3,087	3,435
Teak pieces, including beams, logs, &c. ..	19,644	55,162	..	..					
Teak rafters and poles	55,942	61,382	..	..				90,738	144,624
Mixed Timber pieces	307	1,087	..	..					
Junglewood pieces and rafters	3,518	2,327	79,501	119,958					
Total Timber ..	..	..	90,732	144,624					
					FIREWOOD.				
Balance in hand at the commencement of the year.	Khandis.				*Sold during the year.*				
West Thána	8	100	..	..					
Panch Mahals	119	5,355	..	..	East Thána .. Cart-loads..	10	450	10	..
			127	5,455	West Thána .. Khandies..	8	100	8	..
Received during the year.					Surat .. .. Cart-loads..	164½	2,796	..	..
East Thána .. .. .. Cart-loads	10	450	..	..	Panch Mahals .. Khandies..	4,125	185,690	..	..
Surat .. .. Do. ..	87	1,479	..	..					189,036
Carts ..	77½	1,317	..	..	*Balance at the close of the year.*				
Panch Mahals .. .. Khandies ..	4,589	206,525	..	..					
			..	209,771	Pahch Mahals .. Khandies..	542	29,190	Khandies.	..
								542	26,190
Tatal Firewood .	..	..	..	215,226					215,226
					BAMBOOS.				
Received during the year.	Nos.				*Sold during the year.*				
Surat	1,690	..	1,690	..	Surat Bamboos	1,690	..	1,690	..
					SEEDS.				
Balance at the close of the year.	K. M. lbs.		K. m. lbs.		*Used during the year.*	K, m. lbs.			
East Thána	47 15 1	..	..	..	East Thána	85 23 2½	..	..	..
Panch Mahals	3 19 13	..	..	..	Panch Mahals	10 24 18	..	..	..
			51 6 14	..	*Balance at the close of the year.*				
Received during the year.									
East Thána	59 21 14½	..	..	..	East Thána	21 13 13	..	..	..
Panch Mahals	14 8 8	..	..	..	Panch Mahals	7 3 3	..	..	K. m. lbs.
			74 1 22½					..	125 8 8½
Total ..	..	..	125 8 8½	..		..	..	..	..

Bándra, 24th October 1895.

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

FORM No. 58.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE.

Outturn of Minor Forest Produce.

Division.	Description of Produce.	Produce removed or utilized.									
		By Government Agency.		By Purchasers.		By Free-grants.		By Right-holders.		Total.	
		Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
			Rs.		Rs.		Rs.		Rs.		Rs.
East Thána.	Myrabolams	...	...	...	1,005	...	...	...	...	...	1,005
	Karvi ... .. Cart-loads.	...	...	781	196	...	...	...	...	781	196
	Do. ... ... Head-loads.	...	...	232	7	...	...	...	...	232	7
	Thorns ... ... Cart-loads...	...	...	51	48	...	...	...	...	51	48
	Apta, Tembhurni Leaves and Beheda nuts	...	...	...	1,560	...	...	...	...	.	1,560
	Miscellaneous	...	...	...	12	...	...	...	...	...	12
	Total ...	...	...	...	2,828	...	...	...	...	...	2,828
West Thána.	Limestones ... Cart-loads.	...	...	6	6	...	...	...	...	6	6
	Thorns ... ... Head-loads.	...	...	64	39	...	...	...	...	64	39
	Sale of leaves and fruits of Toddy palms	...	...	...	1,984	...	...	...	...	...	1,984
	Karvi ... ... Head-loads.	...	...	4,604	828	...	...	...	...	4,604	828
	Do. ... ... Cart-loads.	...	...	1,786						1,786	
	Total ...	...	...	...	2,857	...	...	...	...	...	2,857
Surat.	Ashindra leaves ... Bundles ...	...	...	1,247,575	79	...	...	...	...	1,247,575	79
	Date palm trees and leaves ...	...	...	...	15	...	...	...	...	...	15
	Karanj seeds ... Maunds ...	...	...	63	4	...	...	...	...	63	4
	Moho flowers ... Do. ...	...	...	3,814	238	...	...	...	...	3,814	238
	Right of collecting Mhowra ...	...	...	...	600	...	...	...	...	...	600
	Reeds and Chhaj grass. Carts ...	...	...	1,101	370	...	...	...	...	1,101	370
	Different kinds of bamboo articles. Nos. ...	...	...	59,620	899	...	...	...	..	59,620	899
	Miscellaneous	...	...	...	18	...	...	...	...	...	18
	Total ..	...	...	...	2,223	...	...	...	...	...	2,223
Panch Mahals.	Mhowra flowers	..	...	...	1,092	...	...	...	...	...	1,092
	Thorns ... ... Cart-loads...	...	...	6	1	...	...	...	...	6	1
	Sand ... ... Do.	...	...	62	15	...	...	...	...	62	15
	Kankar ... ... Do.	...	...	31	15	...	...	...	...	31	15
	Miscellaneous	...	...	...	19	...	...	...	...	...	19
	Total ...	...	...	...	1,142	...	...	...	...	...	1,142
	Grand Total ...	...	...	...	9,050	...	...	...	...	...	9,050

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

Bándra, 24th October 1895.

FORM No. 60.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE.

Abstract showing the Value of Timber and other Produce at Sale Depôts for the year 1894-95.

Description of Timber and other produce.	On hand at commencement of the year.			On hand at close of the year.			Difference in Value.		Remarks.
	Number.	Cubic feet.	Value.	Number.	Cubic feet.	Value.	In favour of the year.	Against the year.	
East Thána.			Rs.			Rs.			
Miscellaneous seeds ...	Kh. Mds. lbs. 47 15 1	...	...	Kh. Mds. lbs. 21 13 13	...	...	...	...	
Mixed timber pieces ...	24	72	5	154	462	32	...	...	
Total ...	...	...	5	...	...	32	27	...	
West Thána.									
Teak pieces...	560	1,680	200	384	1,152	100	...	100	
Junglewood pieces... ...	81	245	40	99	297	40	...	...	
Firewood khandis	8	100	2	...	...	...	...	2	
Total ...	649	2,023	242	483	1,449	140	...	102	
Surat.									
Teak pieces including beams, rafters, &c.	9,637	19,216	14,000	206	4,613	3,500	...	...	
Junglewood pieces... ...	378	2,667	525	132	333	50	...	...	
Total ...	10,025	21,883	14,525	338	4,046	4,000	...	...	
Panch Mahâls.									
Teak pieces including beams	92	289	91	571	1,204				
Teak rafters and poles ...	349	412	77	2,351	2,134				
Junglwood trees	...	...	...	11	16	800	592	...	
do. pieces	113	85	40	19	14				
do. rafters	...	...	...	135	67				
Firewood khandis ...	119	5,355	25	582	26,190	350	325	...	
Miscellaneous seeds ...	Kh. Mds. lbs. 3 19 13	...	...	Kh. Mds. lbs. 7 3 3	...	...	...	...	
Total ...	...	...	233	...	...	1,150	917	...	
Grand Total ...	...	...	15,005	...	...	5,322	944	10,627	

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

Bándra, 24th October 1895.

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FORM No. 60A.

FOREST DEPARTMENT, NORTHERN CIRCLE.

Abstract showing Value of Live and Dead Stock for the year 1894-95.

Description of Live and Dead Stock.	On hand at commencement of the Year.		On hand at close of the Year.		Difference in Value.		Remarks.
	No.	Value.	No.	Value.	In favour of the year.	Against the year.	
Direction.		Rs.		Rs.	Rs.	Rs.	
Office tent	1	420	1	420	...	...	
Tools, plant and office furniture ...	...	408	...	428	...	...	
Total ...	...	828	...	848	20	...	
East Thána.							
Office tent	1	433	1	433	...	...	
Small routies	2	186	2	186	...	...	
Great coats	201	1,309	...	....	...	...	
Tools, plants and office furniture...	...	930	...	1,030	...	...	
Tánsa Forest Bungalow ...	1	1,871	...	1,871	...	...	
Forest Depôt-houses—							
Vásind	1	1,173	1	1,173	...	...	
A'tgaon	1	1,061	1	1,061	...	...	
Vángni	1	1,173	1	1,173	...	...	
Kására	1	1,061	1	1,061	...	...	
Total ...	...	9,197	...	7,988	...	1,209	
West Thána.							
Parel Bungalow	1	1,200	1	1,200	....	...	
Forest Depôt-house at Mándvi ...	1	250	1	250	...	....	
Do. Mánikpur ...	1	603	1	603	...	...	
Forest stations	38	570	38	570	...	...	
Forest posts	82	840	82	840	...	...	
Forest Depôt-house at Pálghar ...	1	1,083	1	1,083	...	...	
Do. Manor ...	1	1,083	1	1,083	...	...	
Do. Sewta ...	1	1,083	1	1,083	...	...	
Do. Sanján ...	1	1,083	1	1,083	...	...	
Do. Wangaon ...	1	1,053	1	1,053	...	...	
Office tent	1	433	1	433	...	...	
Small routies	1	94	2	166	...	...	
Great coats	226	1,359	185	1,112	...	...	
Tools, plant and office furniture ...	...	2,480	...	2,480	...	...	
Total ...	...	13,214	...	13,039	...	175	
Surat.							
Mándvi Bungalow	...	...	1	1,800	...	...	
Office tent	1	433	1	433	...	...	
Andhátri Bungalow	1	291	1	291	...	...	
Dhadavda do.	1	80	1	80	...	...	
Tárápur do.	1	100	1	100	...	...	
Large Bungalow at Wághai ...	1	} 1,099	{ 1	} 1,099	...	...	
Small do. do. ...	1		{ 1				
Large Bungalow at Pimpri ...	1	499	1	499	...	...	
Do. at Garvi ...	1	1,012	1	1,012	...	...	
Small do. ...	1	288	1	288	...	...	
Great coats	65	455	65	455	...	...	

FORM No. 60A.

FOREST DEPARTMENT, NORTHERN CIRCLE.

Abstract showing Value of Live and Dead Stock for the year 1894-95.

Description of Live and Dead Stock.	On hand at commencement of the Year.		On hand at close of the Year.		Difference in Value.		Remarks.
	No.	Value.	No.	Value.	In favour of the year.	Against the year.	
Direction.		Rs.		Rs.	Rs.	Rs.	
Office tent	1	420	1	420	...	...	
Tools, plant and office furniture ...	...	408	...	428	...	...	
Total ...	...	828	...	848	20	...	
East Thána.							
Office tent	1	433	1	433	...	...	
Small routies	2	186	2	186	...	...	
Great coats	201	1,309	...	....	...	...	
Tools, plants and office furniture...	...	930	...	1,030	...	...	
Tánsa Forest Bungalow ...	1	1,871	...	1,871	...	...	
Forest Depôt-houses—							
Vásind	1	1,173	1	1,173	...	...	
A'tgaon	1	1,061	1	1,061	...	...	
Vángni	1	1,173	1	1,173	...	...	
Kására	1	1,061	1	1,061	...	...	
Total ...	...	9,197	...	7,988	...	1,209	
West Thána.							
Parel Bungalow	1	1,200	1	1,200	....	...	
Forest Depôt-house at Mándvi ...	1	250	1	250	...	....	
Do. Mánikpur ...	1	603	1	603	...	...	
Forest stations	38	570	38	570	...	...	
Forest posts	82	840	82	840	...	...	
Forest Depôt-house at Pálghar ...	1	1,083	1	1,083	...	...	
Do. Manor ...	1	1,083	1	1,083	...	...	
Do. Sewta ...	1	1,083	1	1,083	...	...	
Do. Sanján ...	1	1,083	1	1,083	...	...	
Do. Wangaon ...	1	1,053	1	1,053	...	...	
Office tent	1	433	1	433	...	...	
Small routies	1	94	2	166	...	...	
Great coats	226	1,359	185	1,112	...	...	
Tools, plant and office furniture ...	...	2,480	...	2,480	...	...	
Total ...	...	13,214	...	13,039	...	175	
Surat.							
Mándvi Bungalow	...	...	1	1,800	...	...	
Office tent	1	433	1	433	...	...	
Andhátri Bungalow	1	291	1	291	...	...	
Dhadavda do.	1	80	1	80	...	...	
Tárápur do.	1	100	1	100	...	...	
Large Bungalow at Wághai ...	1	} 1,099	{ 1	} 1,099	...	...	
Small do. do. ...	1		{ 1				
Large Bungalow at Pimpri ...	1	499	1	499	...	...	
Do. at Garvi ...	1	1,012	1	1,012	...	...	
Small do. ...	1	288	1	288	...	...	
Great coats	65	455	65	455	...	...	

FORM No. 60A—*continued.*

Description of Live and Dead Stock.	On hand at commencement of the Year.		On hand at close of the Year.		Difference in Value.		Remarks.
	No.	Value.	No.	Value.	In favor of the year.	Against the year.	
		Rs.		Rs.	Rs.	Rs.	
Surat—continued.							
Gandiva Post	1	61	1	61	...	...	
Sarowar Bungalow	1	2,379	1	2,379	...	...	
Mheskatri do.	1	1,500	1	1,500	...	...	
Tools, plant and office furniture ...	...	1,747	...	3,170	...	...	
Total ...	...	9,944	...	13,167	3,223	...	
Panch Mahâls.							
Rest-houses and depôts ...	45	2,525	29	1,112	...	...	
Bungalow at Godhra... ...	1	8,200	1	8,200	...	...	
Office tent	1	433	1	433	...	...	
Great coats	110	717	110	717	...	...	
Tools, plant and office furniture ...	...	1,356	...	1,421	...	...	
Total ...	...	13,231	...	11,883	...	1,348	
Working-Plans.							
Office tent	1	85	1	85	...	...	
Tools, plant and office furniture ...	...	422	...	422	...	...	
Total ...	...	507	...	507	...	...	

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

Rándra, 24th October 1895.

FORM No. 61.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE.

Summary of Revenue and Expenditure of the different Divisions for the Forest year 1894-95 (July 1894 to June 1895).

Budget Heads.	Direction.	East Thána Division.	West Thána Division.	Surat Division.	Panch Mahals Division.	Working Plans Division.	Bombay Forest Survey.	Total from July 1894 to June 1895.
REVENUE.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
I.—Timber and other Produce removed from the Forests by Government Agency—								
a. Timber	.....	108 12 3	80 4 0	36,199 7 1	9,971 9 9	.....	.....	46,360 1 1
b. Firewood and charcoal	.....	1 13 0	695 15 9	66 0 0	2,331 11 0	.....	.....	3,095 7 9
c. Bamboos	.....	.....	.....	20 8 0	4 0 0	.....	.....	24 8 0
d. Sandalwood	.....	.....	.....	.....	.....	.....	.....	.....
e. Grass and other minor produce ...	.....	.....	15 10 0	.....	.....	.....	.....	15 10 0
Total, I ...	.....	110 9 3	791 13 9	36,285 15 1	12,307 4 9	.....	.....	49,495 10 10
II.—Timber and other Produce removed from the Forests by Consumers or Purchasers—								
a. Timber	.....	1,97,914 8 0	3,27,479 6 9	15,445 12 6	54,704 11 3	.....	.....	5,95,544 6 6
b. Firewood and charcoal	.....	1,010 11 7	3,690 14 1	400 15 4	1,915 15 1	.....	.....	7,018 8 1
c. Bamboos	.....	567 11 6	19,027 11 5	9,816 5 1	1,753 5 9	.....	.....	31,165 1 9
d. Grazing and fodder grass	.....	2,974 5 6	13,098 10 0	1,716 2 0	7,345 13 3	.....	.....	25,134 14 9
e. Other minor produce	.....	2,828 11 0	2,857 0 9	2,222 8 8	1,142 15 6	.....	.....	9,051 3 11
f. Forest stamps	.....	.....	.....	.....	.....	.....	.....	.....
g. Other items	.....	.....	.....	.....	.....	.....	.....	.....
Total, II ...	.....	2,05,295 15 7	3,66,153 11 0	29,601 11 7	66,862 12 10	.....	.....	6,67,914 3 0
III.—Drift and Waif Wood and confiscated Forest Produce	.....	884 8 10	586 2 7	455 15 2	108 7 3	.....	.....	2,035 1 10
Total, III ...	.....	884 8 10	586 2 7	455 15 2	108 7 3	.....	.....	2,035 1 10
IV.—Revenue from Forests not managed by Government—								
a. Duty on foreign timber and other forest produce	.....	.....	.....	.....	.....	.....	.....	.....
b. Revenue from shared and private forests ...	.....	3,290 5 10	114 3 1	5 1 9	6 0 0	.....	.....	3,415 10 8
Total, IV ...	.....	3,290 5 10	114 3 1	5 1 9	6 0 0	.....	.....	3,415 10 8
V.—Miscellaneous—								
a. Fines and forfeitures	.....	2,492 10 8	1,948 7 0	11 6 0	264 13 0	.....	.....	4,717 4 8
b. Refunds	3 13 2	0 12 11	12 9 10	32 11 11	54 0 9	9 0 0	.....	593 15 5
c. Other sources	0 14 6	4,479 14 5	4,172 11 10	806 15 2	1,041 12 4	5 6 0	.....	10,507 10 3
Total, V ...	4 11 8	6,973 6 0	6,133 12 8	851 1 1	1,360 10 1	14 6 0	.....	15,818 14 4
Grand Total, Revenue ...	4 11 8	2,16,554 13 6	3,73,779 11 1	67,199 12 8	80,645 2 11	14 6 0	.....	7,38,679 8 8

EXPENDITURE.

A.—Conservancy and Works.

I.—Timber and other Produce removed from the Forests by Government Agency—								
a. Timber	.....	36 8 0	63 1 0	12,358 9 8	430 15 4	.....	.....	12,889 2 0
b. Firewood and charcoal	.....	.....	178 4 0	41 13 6	0 13 0	.....	.....	220 14 6
c. Bamboos	.....	.....	.....	.....	.....	.....	.....	.....
d. Sandalwood	.....	.....	.....	.....	.....	.....	.....	.....
e. Grass and other minor produce ..	.....	.....	.....	.....	.....	.....	.....	.....
Total, A I ...	.....	36 8 0	241 5 0	12,400 7 2	431 12 4	.....	.....	13,110 0 6
II.—Timber and other Produce removed from the Forests by Consumers or Purchasers ...	28 6 0	2,486 2 0	6,155 14 8	2,890 5 1	768 4 8	.....	.....	12,329 0 5
Total, A II ...	28 6 0	2,486 2 0	6,155 14 8	2,890 5 1	768 4 8	.....	.....	12,329 0 5
III.—Drift and Waif Wood and confiscated Forest Produce	.....	23 15 6	42 12 6	23 11 9	5 0 0	.....	.....	95 7 9
Total, A III ...	.....	23 15 6	42 12 6	23 11 9	5 0 0	.....	.....	95 7 9
IV.—Revenue from Forests not managed by Government—								
a. Duty on foreign timber and other forest produce	.....	.....	.....	.....	.....	.....	.....	.....
b. Revenue from shared and private forest ...	.....	.....	.....	.....	.....	.....	.....	.....
Total, A IV ...	.....	.....	.....	.....	.....	.....	.....	.....
V.—Rent of leased Forests and payments to shareholders in Forests managed by Government ...	.....	728 15 7	.....	18,198 13 2	.....	.....	.....	18,927 12 9
Total, A V ...	.....	728 15 7	.....	18,198 13 2	.....	.....	.....	18,927 12 9
VI.—Live Stock, Stores, Tools and Plant—								
a. Purchase of cattle... ...	.....	.....	.....	.....	.....	.....	.....	.....
b. Feed and keep of cattle	.....	.....	.....	.....	.....	.....	.....	.....
c. Purchase of stores, tools and plant ...	20 8 0	109 8 0	81 5 0	180 1 6	239 3 3	.....	.....	630 9 9
Total, A VI ...	20 8 0	109 8 0	81 5 0	180 1 6	239 3 3	.....	.....	630 9 9
Carried over Total of Heads A I to A VI ...	48 14 0	3,385 1 1	6,521 5 2	33,693 6 8	1,444 4 3	.....	.....	45,092 15 2

Budget Heads.	Direction.	East Thána Division.	West Thána Division.	Surat Division.	Panch Mahâls Division.	Working Plans Division.	Bombay Forest Survey.	Total Forest year 1894-95.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over Total of Heads A I, to A VI ...	48 14 0	3,385 1 1	6,521 5 2	33,693 6 8	1,444 4 3	.....	.....	45,092 15 2
EXPENDITURE—*continued.*								
A.—CONSERVANCY AND WORKS—*continued.*								
VII.—Communications and Buildings—								
a. Roads and bridges	.....	.....	.....	1,055 2 6	.....	.....	.....	1,055 2 6
b. Buildings	.....	542 11 0	490 9 0	6,637 8 11	661 1 6	.....	.....	8,331 14 5
c. Other works	.....	.....	.....	705 10 0	42 5 6	.....	.....	747 15 6
Total, A VII ...	.....	542 11 0	490 9 0	8,398 5 5	703 7 0	.....	.....	10,135 0 5
VIII.—Organization, Improvement, and Extension of Forests—								
a. Demarcation	.....	195 13 9	68 3 0	811 7 3	2,282 1 6	.....	.....	3,357 9 6
b. Cost of settlements; compensation for land and rights	.....	4,791 1 10	2,254 3 6	.....	48 2 6	.....	.....	7,093 7 10
c. Surveys	.....	A25 11 11	13 1 9	.....	1 6 0	.....	B11,219 2 7	11,259 6 3
d. Working-plans	.....	544 0 0	491 12 6	522 7 7	465 5 6	7,111 1 11	.....	9,134 11 6
e. Sowing and planting	.....	373 15 0	586 12 10	1,031 5 7	600 6 3	.....	.....	2,592 7 8
f. Protection from fire	.....	1,476 6 3	2,141 2 6	1,459 0 9	63 4 0	.....	.....	5,139 13 6
g. Other works	.....	94 0 0	152 3 0	707 0 6	21 15 4	.....	.....	975 2 10
Total, A VIII ...	.....	7,501 0 9	5,707 7 1	4,531 5 8	3,482 9 1	7,111 1 11	11,219 2 7	39,552 11 1
IX.—Miscellaneous—								
a. Law charges	.....	91 8 0	6 14 6	.....	.....	.....	.....	98 6 6
b. Other charges	.....	1,529 1 2	—695 13 1	732 15 6	515 7 10	.....	.....	2,081 11 11
Total, A IX ...	.....	1,620 9 2	—688 14 7	732 15 6	515 7 10	.....	11,219 2 7	2,180 1 11
Total.—Conservancy and Works ...	48 14 0	13,049 6 0	12,030 6 8	47,356 1 3	6,145 12 2	7,111 1 11	.....	96,960 12 7

Budget Heads.	Direction.	East Thána Division.	West Thána Division.	Surat Division.	Panch Mahâls Division.	Working Plans Division.	Bombay Forest Survey.	Total Forest year 1894-95.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Brought over Total of Heads A I, to A VI ...	48 14 0	3,385 1 1	6,521 5 2	33,693 6 8	1,444 4 3	.....	.....	45,092 15 2
EXPENDITURE—*continued.*								
A.—CONSERVANCY AND WORKS—*continued.*								
VII.—Communications and Buildings—								
a. Roads and bridges	.....	.....	.....	1,055 2 6	.....	.....	.....	1,055 2 6
b. Buildings	.....	542 11 0	490 9 0	6,637 8 11	661 1 6	.....	.....	8,331 14 5
c. Other works	.....	.....	.....	705 10 0	42 5 6	.....	.....	747 15 6
Total, A VII ...	.....	542 11 0	490 9 0	8,398 5 5	703 7 0	.....	.....	10,135 0 5
VIII.—Organization, Improvement, and Extension of Forests—								
a. Demarcation	.....	195 13 9	68 3 0	811 7 3	2,282 1 6	.....	.....	3,357 9 6
b. Cost of settlements; compensation for land and rights	.....	4,791 1 10	2,254 3 6	.....	48 2 6	.....	.....	7,093 7 10
c. Surveys	.....	A25 11 11	13 1 9	.....	1 6 0	.....	B11,219 2 7	11,259 6 3
d. Working-plans	.....	544 0 0	491 12 6	522 7 7	465 5 6	7,111 1 11	.....	9,134 11 6
e. Sowing and planting	.....	373 15 0	586 12 10	1,031 5 7	600 6 3	.....	.....	2,592 7 8
f. Protection from fire	.....	1,476 6 3	2,141 2 6	1,459 0 9	63 4 0	.....	.....	5,139 13 6
g. Other works	.....	94 0 0	152 3 0	707 0 6	21 15 4	.....	.....	975 2 10
Total, A VIII ...	.....	7,501 0 9	5,707 7 1	4,531 5 8	3,482 9 1	7,111 1 11	11,219 2 7	39,552 11 1
IX.—Miscellaneous—								
a. Law charges	.....	91 8 0	6 14 6	.....	.....	.....	.....	98 6 6
b. Other charges	.....	1,529 1 2	—695 13 1	732 15 6	515 7 10	.....	.....	2,081 11 11
Total, A IX ...	.....	1,620 9 2	—688 14 7	732 15 6	515 7 10	.....	11,219 2 7	2,180 1 11
Total.—Conservancy and Works ...	48 14 0	13,049 6 0	12,030 6 8	47,356 1 3	6,145 12 2	7,111 1 11	.....	96,960 12 7

B.—ESTABLISHMENT.									
—Salaries—									
a. Conservators	.....	.....	.....	.....	.....	.....	.....	.....	.....
b. Superior Officer	10,797 0 11	14,109 13 6	12,860 9 4	6,247 10 7	7,500 0 0	4,009 13 11	.....	55,525 0 3
c. Subordinate Forest and Depôt Establishments	.....	26,593 11 6	20,806 8 8	7,621 13 4	11,615 0 2	.....	.....	66,637 1 8
d. Official Establishments ...	3,784 10 8	3,135 15 6	3,102 14 0	2,296 3 1	2,186 12 5	1,027 13 11	.....	15,534 5 7
e. Deputation and Special Allowances ...	.....	.....	503 3 6	.....	.....	.....	.....	503 3 6
f. Exchange Compensation Allowance ...	2,042 1 3	1,601 0 4	1,213 12 9	792 2 4	1,379 9 6	767 8 0	.....	7,796 2 2
Total, B I ...	16,623 12 10	45,440 8 10	38,487 0 3	16,957 13 4	22,681 6 1	5,805 3 10	.....	1,45,995 13 2
II.—Travelling Allowances—								
a. Conservators	.....	.....	.....	.....	.....	.....	.....	.....
b. Superior Officers	2,424 5 0	2,884 12 5	3,061 6 7	1,605 1 5	1,819 14 0	1,088 8 0	.....	12,883 15 5
c. Subordinate Forest and Depôt Establishments	.....	1,005 11 7	890 11 11	944 8 0	674 2 0	.....	.....	3,515 1 10
d. Office Establishments	1,385 2 9	953 3 6	910 1 9	876 14 5	692 10 0	407 3 0	.....	5,225 3 5
Total, B II ...	3,809 7 9	4,843 11 6	4,862 4 3	3,426 7 10	3,186 10 4	1,495 11 0	.....	21,624 4 8
III.—Contingencies—								
a. Stationery	70 10 6	422 11 4	309 2 3	246 9 3	221 0 5	3 8 0	.....	1,273 9 9
b. Carriage of Tents and Records ...	456 8 1	291 13 10	218 1 6	303 11 3	79 3 0	43 10 0	.....	1,392 15 8
c. Rents, Rates and Taxes	480 0 0	282 8 9	156 7 8	133 15 4	.....	60 0 0	.....	1,112 15 9
d. Pay of Police Guards	.....	.....	.....	.....	.....	.....	.....	.....
e. Official Postage	215 6 0	982 12 6	638 15 6	422 0 9	386 13 4	5 4 0	.....	2,651 4 1
f. Sundries	305 10 1	310 11 8	499 9 4	339 2 2	138 7 4	78 3 3	.....	1,671 11 10
Payments to officers of other Provinces ...	3,247 14 0	.....	.....	.....	.....	.....	.....	3,247 14 0
Total, B III ...	4,776 0 8	2,290 10 1	1,822 4 3	1,445 6 9	825 8 1	190 9 3	.....	11,350 7 1
Total B.—Establishments ...	25,209 5 3	52,574 14 5	45,171 8 9	21,829 11 11	26,693 8 6	7,491 8 1	.....	1,78,970 8 11
Grand Total of Expenditure ...	25,258 3 3	65,624 4 5	57,201 15 5	69,185 13 2	32,839 4 8	14,602 10 0	11,219 2 7	2,75,931 5 6

A—Amounts of wages paid to Flag-holders by the Superintendent, Konkan Revenue Survey, adjusted in this office accounts for July 1894 to June 1895, on receipt of bills.

B —

	Financial year 1894-95.	Deduct April 1894 to June 1894.	Total 9 months.	Add April 1895 to June 1895.	Total Forest year.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
West Thána	10,590 13 9	2,843 11 2	7,747 2 7	3,472 0 0	11,219 2 7
East Thána	1,200 7 4	—1,200 7 4	.....	.....	.....
Total ...	11,791 5 1	4,044 2 6	7,747 2 7	3,472 0 0	11,219 2 7

No. $\frac{F}{14818}$.

Office of the Accountant General, Bombay, dated 10th September 1895.

Forwarded to the Deputy Conservator of Forests, Northern Circle, under Section 267 of the Forest Code.

O. T. BARROW,
Accountant General.

B.—ESTABLISHMENT.									
—Salaries—									
a. Conservators	.....	.....	.....	.....	.....	.....	.....	.....	.....
b. Superior Officer	10,797 0 11	14,109 13 6	12,860 9 4	6,247 10 7	7,500 0 0	4,009 13 11	.....	55,525 0 3
c. Subordinate Forest and Depôt Establishments	.....	26,593 11 6	20,806 8 8	7,621 13 4	11,615 0 2	.....	.....	66,637 1 8
d. Official Establishments ...	3,784 10 8	3,135 15 6	3,102 14 0	2,296 3 1	2,186 12 5	1,027 13 11	.....	15,534 5 7
e. Deputation and Special Allowances ...	.....	.....	503 3 6	.....	.....	.....	.....	503 3 6
f. Exchange Compensation Allowance ...	2,042 1 3	1,601 0 4	1,213 12 9	792 2 4	1,379 9 6	767 8 0	.....	7,796 2 2
Total, B I ...	16,623 12 10	45,440 8 10	38,487 0 3	16,957 13 4	22,681 6 1	5,805 3 10	.....	1,45,995 13 2
II.—Travelling Allowances—								
a. Conservators	.....	.....	.....	.....	.....	.....	.....	.....
b. Superior Officers	2,424 5 0	2,884 12 5	3,061 6 7	1,605 1 5	1,819 14 0	1,088 8 0	.....	12,883 15 5
c. Subordinate Forest and Depôt Establishments	.....	1,005 11 7	890 11 11	944 8 0	674 2 0	.....	.....	3,515 1 10
d. Office Establishments ...	1,385 2 9	953 3 6	910 1 9	876 14 5	692 10 0	407 3 0	.....	5,225 3 5
Total, B II ...	3,809 7 9	4,843 11 6	4,862 4 3	3,426 7 10	3,186 10 4	1,495 11 0	.....	21,624 4 8
III.—Contingencies—								
a. Stationery	70 10 6	422 11 4	309 2 3	246 9 3	221 0 5	3 8 0	.....	1,273 9 9
b. Carriage of Tents and Records ...	456 8 1	291 13 10	218 1 6	303 11 3	79 3 0	43 10 0	.....	1,392 15 8
c. Rents, Rates and Taxes	480 0 0	282 8 9	156 7 8	133 15 4	.....	60 0 0	.....	1,112 15 9
d. Pay of Police Guards	.....	.....	.....	.....	.....	.....	.....	.....
e. Official Postage	215 6 0	982 12 6	638 15 6	422 0 9	386 13 4	5 4 0	.....	2,651 4 1
f. Sundries	305 10 1	310 11 8	499 9 4	339 2 2	138 7 4	78 3 3	.....	1,671 11 10
Payments to officers of other Provinces ...	3,247 14 0	.....	.....	.....	.....	.....	.....	3,247 14 0
Total, B III ...	4,776 0 8	2,290 10 1	1,822 4 3	1,445 6 9	825 8 1	190 9 3	.....	11,350 7 1
Total B.—Establishments ...	25,209 5 3	52,574 14 5	45,171 8 9	21,829 11 11	26,693 8 6	7,491 8 1	.....	1,78,970 8 11
Grand Total of Expenditure ...	25,258 3 3	65,624 4 5	57,201 15 5	69,185 13 2	32,839 4 8	14,602 10 0	11,219 2 7	2,75,931 5 6

A—Amounts of wages paid to Flag-holders by the Superintendent, Konkan Revenue Survey, adjusted in this office accounts for July 1894 to June 1895, on receipt of bills.

	Financial year 1894-95.	Deduct April 1894 to June 1894.	Total 9 months.	Add April 1895 to June 1895.	Total Forest year.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
West Thána	10,590 13 9	2,843 11 2	7,747 2 7	3,472 0 0	11,219 2 7
East Thána	1,200 7 4	—1,200 7 4	.....	.....	.....
Total ...	11,791 5 1	4,044 2 6	7,747 2 7	3,472 0 0	11,219 2 7

No. $\frac{F}{14818}$.

Office of the Accountant General, Bombay, dated 10th September 1895.

Forwarded to the Deputy Conservator of Forests, Northern Circle, under Section 267 of the Forest Code.

O. T. BARROW,
Accountant General.

FORM No. 62.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE,

Annual Account Current for the Forest Year 1894-95.

	Rs. a. p.	Rs. a. p.		Rs. a. p.	Rs. a. p.
To Opening Balance	.....	248 10 3	1. Refunds and Drawbacks—Refunds—Divided Heads, Forest	2,364 9 0	
VIII. Assessed Taxes—Income Tax—Deductions by Government from Salaries and Pensions	.....	2,567 8 9	Income Tax	8 6 7	2,372 15 7
IX. Forest (as per Summary)	.....	7,38,679 8 8	11. Forest (as per Summary)	.....	2,78,774 10 2
XII. Interest—			19. Law and Justice—		
Interest on Arrears of Revenue ...	.....	.....	Jails, District Jails, Contingencies ...	.....	.....
XXII. Receipts in aid of Superannuation, Bengal Military Fund—			32. Miscellaneous—		
Bengal Military Orphan Fund...	.....	.....	Miscellaneous Refunds—Refund of lapsed Deposits	.....	2 0 0
XXIII. Stationery and Printing—			Revenue Deposits (Forests)	.....	55,615 5 9
Stationery Receipts—Sale-proceeds of Stationery Boxes...	.....	.....	Cheques and Bills (Forests cheque cancelled)	.....	1,484 2 5
Other Press Receipts—Government Central Press	.....	.....	Advances Recoverable—Forest Advances	1,39,711 0 9	
XXV. Miscellaneous—			Tentage Advances	.....	
Sale-proceeds of old Materials ...	4 4 6		Objection Book Advances	68,231 14 9	2,07,942 15 6
Unclaimed Deposits—Other Deposits...	1,700 7 6	1,704 12 0	Cash Recoveries	.....	4,023 14 10
Revenue Deposits (Forest)	.....	51,461 0 5	Forest Remittances—		
Cheques and Bills (Departmental Cheques), Forest	.....	3,80,701 15 4	Remittances to Treasuries	7,85,759 12 5	
Advances Recoverable—			Inter-divisional Transfers	.....	
Forest Advances	1,40,119 1 9	.....	Inter-departmental Transfers	.....	7,85,759 12 5
Tentage Advancies	11 1 9	.....			
Objection Book Advances	17,764 10 10	1,57,894 14 4			

Cash Recoveries	.....		4,023 14 10	Bombay Uncovenanted Service Family Pension Fund—			
Forest Remittances—				Widows' Branch	.....		4 6 4
Remittances to Treasuries	827 11 2			Accounts Current—			
Inter-divisional Transfers	.....						
Inter-departmental Transfers	597 1 10		1,424 13 0	Account between Bombay and Military, Bombay—			
Bombay Uncovenanted Service Family Pension Fund—							
Widows' Branch	.....		682 1 4	IV. Items adjustable by Military ...	.....		.....
Military Bengal Eastern Circle—				Account between Bombay and P. W. Department, Bombay (Ordinary Branches)—			
IV. Indian Military Service Family Pension Fund	.....		929 13 0				
				IV. Item adjustable by P. W. Department	.....		.....
Account between India and Bombay—				Inter-departmental charges ...	.....		189 8
III. Items adjustable by India—				Account between Bombay and P. W. Department (Railway Branch)——Railway—			
Bengal Military Fund	.....			IV. Items adjustable by P. W. Department	.....		.....
Bengal Military Orphan Fund ...	.....			Account between India and Bombay—			
Bengal Uncovenanted Service Family Pension Fund	226 0 0						
Revenue Survey of India	1,278 1 4		1,504 1 4	III. Items adjustable by India—			
Account between Bombay and P. W. Department, Bombay—				Topographical Survey	.....		1,720 4 9
IV. Payments into Treasuries by Civil Officers on Account of P. W. Department	.....		40 6 2	Closing Balance ...	.....		3,973 7 8
Total ...	.....		13,41,863 7 5	Total ...	.....		13,41,863 7 5

No. $\frac{F.}{14809}$,

Forwarded to the Deputy Conservator of Forests, Northern Circle, under Section 267 of the Forest Department Code.

Accountant General's Office,
Bombay, 3rd September 1895.

O. T. BARROW,
Accountant General.

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FORM No. 63.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE.

Revenue received and Outstandings on account of Revenue during 1894-95.

Division.	Particulars.	Outstandings at commencement of year.	Value of Sales and other Revenue during year.	Total.	Amount realized during year.	Balance due to the Department at end of year.	REMARKS.
		Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
East Thána ...	*I.—Timber and other Produce removed from the Forests by Government Agency—*						
	(*a*). Timber	.....	108 12 3	108 12 3	108 12 3	.....	
	(*b*). Firewood and charcoal	.....	1 13 0	1 13 0	1 13 0	.....	
	II.—Timber and other Produce removed from the Forests by Consumers and Purchasers—						
	(*a*). Timber	5,166 0 0	1,97,914 8 0	20,30,80 8 0	1,97,914 8 0	5,166 0 0	
	(*b*). Firewood and charcoal	.....	1,010 11 7	1,011 11 7	1,010 11 7	.....	
	(*c*). Bamboos	.....	567 11 6	567 11 6	567 11 6	.....	
	(*d*). Grazing and fodder grass ...	.....	2,974 5 6	2,974 5 6	2,974 5 6	.....	
	(*e*). Other minor produce	1,450 0 0	2,828 11 0	4,278 11 0	2,828 11 0	1,450 0 0	
	III.—Drift and Waif Wood and Confiscated Forest Produce	.....	884 8 10	884 8 10	884 8 10	.....	
	Total ...	6,616 0 0	2,06,291 1 8	2,12,907 1 8	2,06,291 1 8	6,616 0 0	
West Thána ...	*I.—Timber and other Produce removed from the Forests by Government Agency—*						
	(*a*). Timber	.....	80 0 0	80 0 0	80 0 0	.....	
	(*b*). Firewood and charcoal	.....	696 0 0	696 0 0	696 0 0	.....	
	II.—Timber and other Produce removed from the Forests by Consumers and Purchasers—						
	(*a*). Timber	.....	3,27,479 0 0	3,27,479 0 0	3,27,479 0 0	.....	
	(*b*). Firewood and charcoal	.....	3,691 0 0	3,691 0 0	3,691 0 0	.....	
	(*c*). Bamboos	.....	19,028 0 0	19,028 0 0	19,028 0 0	.....	
	(*d*). Grazing and fodder grass ...	.....	13,099 0 0	13,099 0 0	13,099 0 0	.....	
	(*e*). Other minor produce	.....	2,857 0 0	2,857 0 0	2,857 0 0	.....	
	III.—Drift and Waif Wood and Confiscated Forest Produce	.....	586 0 0	586 0 0	586 0 0	.....	
	Total ...	.....	3,67,516 0 0	3,67,516 0 0	3,67,516 0 0	.....	

Surat ...	*I.—Timber and other Produce removed from the Forests by Government Agency—*					
	(*a*). Timber	.....	36,199 7 1	36,199 7 1	36,199 7 1	.....
	(*b*). Firewood	.....	66 0 0	66 0 0	66 0 0	.....
	(*c*). Bamboos	.....	20 8 0	20 8 0	20 8 0	.....
	II.—Timber and other Produce removed from the Forests by Consumers or Purchasers—					
	(*a*). Timber	.....	15,445 12 6	15,445 12 6	15,445 12 6	.....
	(*b*). Firewood and charcoal	.....	400 15 4	400 15 4	400 15 4	.....
	(*c*). Bamboos	.....	9,816 5 1	9,816 5 1	9,816 5 1	.....
	(*d*). Grazing and fodder grass... ...	.....	1,716 2 0	1,716 2 0	1,716 2 0	.....
	(*e*). Other minor produce	.....	2,222 8 8	2,222 8 8	2,222 8 8	.....
	III.—Drift and Waif Wood and Confiscated Forest Produce	.....	455 15 2	455 15 2	445 15 2	.....
	Total ...	.....	66,343 9 10	66,343 9 10	66,343 9 10	.....
Panch Mahals...	*I.—Timber and other Produce removed from the Forests by Government Agency—*					
	(*a*.) Timber	.....	9,971 9 9	9,971 9 9	9,971 9 9	.....
	(*b*). Firewood and charcoal	.....	2,331 11 0	2,331 11. 0	2,331 11 0	.....
	(*c*). Bamboos	.....	4 0 0	4 0 0	4 0 0	.....
	II.—Timber and other Produce removed from the Forests by Consumers or Purchasers—					
	(*a*). Timber	.....	54704 11 3	54,704 11 3	54,704 11 3	.....
	(*b*). Firewood and charcoal	.....	1,915 15 1	1,915 15 1	1,915 15 1	.....
	(*c*). Bamboos	.....	1,753 5 9	1,753 5 9	1,753 5 9	.....
	(*d*). Grazing and fodder grass ...	.....	7,345 13 3	7,345 13 3	7,345 13 3	.....
	(*e*). Other minor produce	.....	1,142 15 6	1,142 15 6	1,142 15 6	.....
	III.—Drift and Waif Wood and Confiscated Forest Produce	.....	108 7 3	108 7 3	108 7 3	.....
	Total ...	.....	79,278 8 10	79,278 8 10	79,278 8 10	.....
	GRAND TOTAL ...	6,616 0 0	7,19,429 4 4	7,26,045 4 4	7,19,429 4 4	6,616 0 0

Bandra, 24th October 1895.

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

FORM No. 64.

FOREST DEPARTMENT, BOMBAY, NORTHERN CIRCLE:

Outstandings and Liabilities on account of Contractors and Disbursers for the Forest year 1894-95.

Division.	Department Debtor.			Department Creditor.			Balance due.		Remarks.
	At commencement of year.	Recoveries in cash and value of supplies and work done during year.	At close of year.	At commencement of year.	Payments made during year.	At close of year.	To Department (Outstandings).	By Department (Liabilities).	
Contractors.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	
Surat	.....	5,450 0 0	5,450 0 0	1,200 0 0	4,500 0 0	5,700 0 0	250 0 0	...	
Total Contractors ...	.....	5,450 0 0	5,450 0 0	1,200 0 0	4,500 0 0	5,700 0 0	250 0 0	...	
Disbursers.									
East Thána	.....	40,282 5 5	40,282 5 5	1,444 8 2	40,305 7 10	41,750 0 0	1,467 10 7	...	
West Thána ...	.....	36,812 1 3	36,812 1 3	1,997 8 8	36,931 4 0	38,928 12 8	2,116 11 5	...	
Surat	.....	32,677 4 10	32,677 4 10	353 5 4	32,991 6 8	33,344 12 0	667 7 2	...	
Panch Mahals ...	.....	16,578 3 0	16,578 3 0	202 14 2	16,726 10 3	16,929 8 5	351 5 5	...	
Working Plans ...	.....	2,290 1 7	2,290 1 7	.....	2,291 13 1	2,291 13 1	1 11 6	...	
Bombay Forest Surveys ...	.....	6,029 1 8	6,029 1 8	64 10 9	5,964 6 11	6,029 1 8	.....	...	
Total Disbursers ...	.....	1,34,669 1 9	1,34,669 1 9	4,062 15 1	1,35,211 0 9	1,39,273 15 10	4,604 14 1	...	
GRAND TOTAL ...	.....	1,40,119 1 9	1,40,119 1 9	5,262 15 1	1,39,711 0 9	1,44,973 15 10	4,854 14 1	...	

No. $\frac{F.}{14808}$.

Forwarded to the Deputy Conservator of Forests, Northern Circle, under Sections 265, 267, 268 of the Forest Department Code.

Accountant General's Office, Bombay,
2nd September 1895.

O. T. BARROW,
Accountant General.

P 1319—14 NC

FORM No. 65.

FOREST DEPARTMENT, NORTHERN CIRCLE.

Financial Results of the year 1894-95.

Division.	TIMBER AND OTHER PRODUCE REMOVED FROM THE FORESTS BY GOVERNMENT AGENCY.		OTHER REVENUE.		FORMATION, PROTECTION AND IMPROVEMENT OF FORESTS.	TOTAL.		REMARKS.
	Receipts.	Charges.	Receipts.	Charges.	Charges.	Receipts.	Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
East Thána...	995	60	2,15,560	3,916	69,874	2,16,555	73,850	
West Thána	1,378	284	3,72,401	6,728	62,814	3,73,779	69,826	
Surat	36,742	12,425	30,958	29,667	39,409	67,700	81,501	
Panch Maháls	12,416	437	68,229	7,711	42,606	80,645	50,754	
Total ...	51,531	13,206	6,87,148	48,022	2,14,703	7,38,679	2,75,931	

Bándra, 24th October 1895.

R. C. WROUGHTON,
Deputy Conservator of Forests, Northern Circle.

No. 198 OF 1896.

REVENUE DEPARTMENT.

Office of the Commissioner, N. D.,
Ahmedabad, 18th January 1896.

Forwarded.

2. The Northern Circle has during the year been under the administration of Mr. Wroughton, who submits the report.

3. Paragraphs 2 and 8 show the changes in the State forest area, but the particulars given in paragraph 2 "a large proportion is due to rectification of the records of the Forest Settlement Officer on whose report the change is made" is hardly a sufficient explanation of the large decrease in protected forest over and above the area transferred to Reserved Forest, nor do the forms 46 and 46 A supply the deficiency.

4. The progress made during the year in forest settlement and demarcation was slow, but this was chiefly due to Mr. Orr's bad health. The only work now remaining to be done is the completion of the settlement of Murbád and demarcation and settlement of Shahápur. There need not be much delay or trouble in connection with the acquisition of lands, as it appears that negotiations have been completed or are nearly so in most cases. The whole work should be completed by the end of the current year as anticipated.

5. The cost of the forest survey seems heavy, though apparently the rate is less than last year. The figures for area surveyed in detail are wrongly printed and should be 55·57 and not 5,557 square miles.

6. Mr. Millet's visit to the Panch Mahál has resulted in a scheme having been drawn up for working the Godhra forests. The progress made in Thána in marking coupes on the ground is more satisfactory as 255 coupes were marked out against 155. This is, however, a slow rate as remarked by the Conservator.

7. The total expenditure incurred on buildings and communications amounted to Rs. 10,100, of which Rs. 9,045 were spent on the former and Rs. 1,055 only on the latter. The Commissioner would be glad to see more expenditure incurred on communications.

8. With reference to paragraph 31 the Commissioner would reiterate his remark in paragraph 7 of his review of last year's report, as regards the insufficiency of the protective establishment.

9. There has been an increase in offences against the Forest law both as regards cases taken into Court and those reported as undetected; but it is satisfactory to find the proportion of failures in the former has fallen from 38 to 31 per cent. Similarly, cases compounded also show an increase, but of the 451 such cases the amount of compensation paid did not exceed Rs. 2 in 327.

10. The most interesting part of the report is that on fire protection. Mr. Wroughton has now been long enough in charge of the Division to thoroughly understand the practical working of the system. The Commissioner considers that they call for the serious attention of Government. The result of the experiment of employing temporary fire protective establishments may perhaps be awaited before more drastic measures are adopted. But the Commissioner understands that Mr. Cappel is in agreement with the Conservator. There appears to be good reason to believe that the fires are largely due to the custom of burning the jungles for purposes of sport. The number of gun licenses in Thána was enormously increased by Mr. Sinclair, and there can be no objection to refusing renewals in villages where the reserves have been burnt. The efforts made by Mr. Wallinger in the Mándvi Táluka deserve commendation. His failure has been clearly explained by the Conservator. It is to be hoped that he will be more successful in the Panch Mahál, to which he has been recently transferred.

11. The number of cattle impounded continues to be moderate, but there is no doubt that the number impounded in Thána is disproportionately small as remarked by the Conservator.

12. In paragraph 53 the Conservator gives an alarming account of the state of natural reproduction, and if fire protection is not more efficient, the result will be complete denudation in a few years.

13. The departmental operations were very limited, but the amount of timber, junglewood, firewood and charcoal removed by contractors from the Thána forests is very considerable, showing that the demand, in spite of large cuttings having been made in Jowhár and Dharampor, continues unabated. The coupe system in Thána works well, as only 15 of the 143 coupes for sale remained unsold, while six of the previous year were taken up. The sales of timber were considerably less than the previous year in both Surat and the Panch Maháls, but more firewood was removed by purchasers in the former. There was also a large falling off in the realizations from the sale of bamboos in Surat. The reason for this is explained in paragraph 86.

14. The financial results show a surplus of Rs. 4,62,749 against Rs. 4,96,007; this, considering the large loss referred to in paragraph 95, is very satisfactory. The fluctuations have been fully explained by the Conservator, both on the receipt as well as the expenditure side.

15. The extracts from the Collectors' reviews contain some important points, the chief among them, relating to the Thána forests, is the re-afforestation of cleared compartments so frequently and emphatically referred to by the Conservator of Forests in his remarks; the Collector also refers to the need for increased establishment. The Collector of the Panch Maháls notices several important matters and as attention has been drawn to them, the Conservator will, no doubt, take such remedial measures as may be possible. The Collector's remarks in paragraph 10 are sufficiently serious to call for immediate action, and as Mr. Wroughton has recently inspected some of the important forest tracts in the Panch Maháls, he will no doubt be prepared to move in the matter. It is to be regretted that Mr. Lely had not the opportunity, owing to his absence on leave, of recording his remarks on the Surat Divisional Officer's report.

G. B. REID,
Commissioner, N. D.

CENTRAL CIRCLE.

No. 5844 of 1895-96.

From

The Honourable Mr. A. T. SHUTTLEWORTH,
Conservator of Forests, Central Circle;

To

The SECRETARY to GOVERNMENT,
Revenue Department,
Bombay.

Camp Songaon, Poona District:
Dated 13th December 1895.

Sir,

I have the honour to submit herewith the Forest Administration Report of the Central Circle for the Forest year 1894-95, together with its prescribed subsidiary statements.

I have the honour to be,
Sir,
Your most obedient Servant,
A. T. SHUTLLEWORTH,
Conservator of Forests, Central Circle.

Through the Commissioner, Central Division.

B 1319—4.cc